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~~531 Rev~~

04 JAN 2002 OF 1

ATTY. DOCKET NO.

L9289.01229

SERIAL NO. 019690
New PCT Nat'l Stage
Application

APPLICANT

Katsuhiko HIRAMATSU

PLING DATE

DATE
January 4, 2002

GROUP

Unassigned

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

3G TS 25.211 v3.2.0 (Draft 1)(2000-03); 3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Physical channels and mapping of transport channels onto physical channels (FDD) (Release 1999).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. Department of Commerce
(Rev. 4/92) Patent and Trademark OfficeINFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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ATTY. DOCKET NO.

L9289.01229

SERIAL NO.

10/019,690

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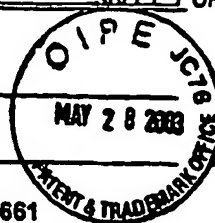
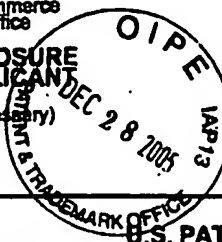
Katsuhiko HIRAMATSU

FILING DATE

January 4, 2002

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2661



U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>LY</i>	5 8 7 2 7 7 5	02/1999	Saints et al.			

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MAY 29 2003

Technology Center 2600

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
					YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>LY</i>	Supplementary European Search Report dated April 23, 2003.
<i>LY</i>	Andrew J. VITERBI: "Principles of Spread Spectrum Communication," April 1995, Addison Wesley, Reading, Massachusetts XP002235877, pp. 84-92.
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<i>LY</i>	S. ABETA, et al.: "Adaptive Channel Estimation for Coherent DS-CDMA Mobile Radio Using Time-Multiplexed Pilot and Parallel Pilot Structures," IEICE Transactions on Communications, Institute of Electronics Information and Comm. Eng. Tokyo, JP, vol. E. 82 B., no. 9, September 1999, XP000904922 ISSN: 0916-8516, pp. 1505-1513.
<i>LY</i>	A. F. ALMUTAIRI, et al.: "Performance of Multi-level Modulation In MMSE Receiver Based CDMA Systems," MILCOM 1999, IEEE Military Communications Conference Proceedings, Atlantic City, NJ, October 31- November 3, 1999, IEEE Military Communications Conference, New York: IEEE, US, vol. Vol 1 of 2 Conf. 18, October 31, 1999, XP000921957 ISBN: 0-7803-5539-3, pp. 398-402

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9/29/2005

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